



COUNTY OF MENDOCINO DEPARTMENT OF PLANNING AND BUILDING SERVICES

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CANNABIS CULTIVATION AND OPERATIONS PLAN

GENERAL INFORMATION

Applicant Name(s): _____

AG#: _____ Permit Type: _____

Site Address: _____

City: _____ State: _____ Zip Code: _____

NOTE: If this document is used and additional space is needed in any section, reference and attach additional pages as necessary.

WATER SOURCE(S) & USE(S)

Water Source: Please list all water sources used on the parcel, and the use purpose in the table below. Water sources may include: on-site wells(s), horizontal wells, spring(s), pond(s), municipal/county water, irrigation district, rainwater catchment, river/creek, other (please specify).

Use: Please list the use, or uses, for each water source. Water uses may include: irrigation (commercial purposes including cannabis), domestic, fire, supplemental, other (please specific). If you utilize more water sources than the table allows for below, please attach additional sheets with the information.

Water Source	Water Use

Is water stored on site?

☐ Yes

☐ No

If water is stored onsite, how is the water stored? (List each water storage tank, vessel, and pond. Include the individual size for each.)

Water Storage Vessel	Size/Volume of Storage

Are all water sources and storage vessels shown on the accompanying site plan?

☐ Yes

☐ No

What is the anticipated yearly water use? _____

IRRIGATION SYSTEM(S)

Type of irrigation system (check all that apply):

- ☐ Drip
- ☐ Flood
- ☐ Micro-spray
- ☐ Hand Watering

☐ Other (specify): _____

How is irrigation water monitored?

Are inputs and/or cleaning products applied through the irrigation system?

- ☐ Yes, if so please list all inputs/cleaning products on the Inputs Table (page 9)
- ☐ No

If inputs and/or cleaning products are applied through the irrigation system, please explain how you prevent these products from discharging into the environment?

ENERGY USE & POWER SOURCES

What are the on-site power sources? (Check all that apply)

- ☐ Grid
- ☐ Solar
- ☐ Pelton Wheel

☐ Generator
☐ Other (specify): _____

What is the PRIMARY power source for cultivation activities?

- ☐ Grid
- ☐ Solar
- ☐ Pelton Wheel
- ☐ Generator

☐ Other (specify): _____

If a generator is used, please answer all of the following:

List the make, model, horsepower, and type of use associated with each generator used on-site.

Make	Model	Horsepower / kW	Use(s)	Type of Fuel

Do you have a containment structure around your generator? If so, please describe the containment structure for each generator listed in the table above.

Do you store fuel on-site?

☐ Yes

☐ No

If yes, please describe the method and/or containment structure used to ensure that fuel cannot leak into the environment.

What measures are taken to suppress the sound?

How are leaks and spills managed?

If the generator is the PRIMARY source of power, has an alternative source been installed?

☐ Yes

☐ No

Are the Owner's Manual and/or Operation Manual for any generators used on-site kept on-site and available for review?

☐ Yes

☐ No

How are spent oil, used oil filters, exposed batteries, and other hazardous materials generated from the operation of the generator(s) managed and disposed of?

EQUIPMENT

Will any of the following equipment be used on the property? (Check all that apply.)

- ☐ Generators
- ☐ Odor control devices
- ☐ Drying equipment with exhaust stacks
- ☐ Non-diesel engines – 250 horsepower or greater
- ☐ Diesel engines – 50 horsepower or greater, or multiple engines that total 90 horsepower or greater
- ☐ Gasoline fuel storage and/or dispensing equipment
- ☐ Diesel fuel storage and/or dispensing equipment
- ☐ Boiler or water heating equipment that individually or cumulatively produces more than 500,000 btu/hour

If gasoline and/or diesel fuel is stored on the property, describe how these fuel products will be stored.

SECURITY PLAN

Do you have, or plan on having, security lighting?

☐ Yes

☐ No

If yes, are lights downcast and shielded?

☐ Yes

☐ No

Will buildings and structures where cannabis is propagated, cultivated, processed, and/or stored be locked when staff is not immediately present?

☐ Yes

☐ No

Do you have, or plan on having, security cameras?

☐ Yes

☐ No

If yes, will there be video storage of the footage?

☐ Yes

☐ No

Do you have, or will you have, security alarms?

☐ Yes

☐ No

If yes, will the alarms be monitored?

☐ Yes

☐ No

What methods are used to prevent unauthorized individuals from accessing the site?

Will there be contracted security on-site?

☐ Yes

☐ No

If yes, when will contracted security be on-site?

Sunday	From: _____	To: _____
Monday	From: _____	To: _____
Tuesday	From: _____	To: _____
Wednesday	From: _____	To: _____
Thursday	From: _____	To: _____
Friday	From: _____	To: _____
Saturday	From: _____	To: _____

Will a guard dog be present on-site?

☐ Yes

☐ No

If yes, will the guard dog be restrained during site inspections?

☐ Yes

☐ No

Please describe any additional security protocols you have, or plan to put into place below:

EMPLOYEES

Will you have employees on-site at any time over the course of the year?

☐ Yes

☐ No

If yes, please answer the following:

How many employees will you have on a daily basis? _____

How many employees will you have during peak staffing times (such as planting, harvest, and/or processing)? _____

What are your hours of operation?

Sunday	From: _____	To: _____
Monday	From: _____	To: _____
Tuesday	From: _____	To: _____
Wednesday	From: _____	To: _____
Thursday	From: _____	To: _____
Friday	From: _____	To: _____
Saturday	From: _____	To: _____

SEWAGE DISPOSAL

How is sewage currently disposed of?

☐ Permitted existing septic
☐ Unpermitted existing septic

☐ Municipal sewer
☐ Other (please specify): _____

If a septic system is used, have primary and secondary leach fields been identified?

☐ Yes

☐ No

If you do not currently have a septic system, have plans for a proposed sewage disposal system been developed?

☐ Yes

☐ No

If yes, have primary and secondary leach fields been identified?

☐ Yes

☐ No

Are all sewage disposal systems (existing and proposed) accurately shown on the accompanying site plan?

☐ Yes

☐ No

ENVIRONMENT

Are any slopes greater than 30 percent within 15 feet of your cultivation area?

☐ Yes

☐ No

Describe how you will mitigate erosion on this parcel?

Will you be engaging in any of the following activities as part of the cannabis cultivation?

☐ Yes

☐ No

If yes, please check all that apply.

- ☐ Open-air outdoor storage and processing of cannabis
- ☐ Open-air outdoor mixing of soil, medium, and/or amendments
- ☐ Grading, large area soil disturbance (such as tillage), or road construction/maintenance
- ☐ Processes that may generate fumes, dust, smoke, or strong odors (Includes: Manufacturing, processing, production, testing, dispensing facilities)
- ☐ Open outdoor burning
- ☐ Aggregate and/or wood processing activities

SITE HISTORY

Provide narrative description and the approximate dates of all cultivation activities occurring on this parcel prior to May 4, 2017.

PROCESSING

Which of the following processing activities will occur on-site?

- ☐ Drying
- ☐ Curing
- ☐ Trimming
- ☐ Grading

- ☐ Rolling
- ☐ Storage
- ☐ Packaging
- ☐ Labeling

If processing occurs on-site, please include and label the structures where processing will occur on the Site Plan and Structures List.

PROPAGATION

Are clones cut and/or grown on-site?

☐ Yes

☐ No

If yes, describe the infrastructure of the clone room(s) and mom room(s) (if applicable). Be sure to include the use of each room identified, the size of the room, wattage and spacing of supplemental lighting, and watering system detail.

Are seeds produced and/or started on-site?

☐ Yes

☐ No

If yes, describe the infrastructure of the seed production area(s) and/or seed propagation area(s). Be sure to include the use of each area identified, the size of the area, wattage and spacing of supplemental lighting (if applicable), and watering system detail.

Do you purchase clones, cuttings, or other types of propagated cannabis plant material from off-site sources?

☐ Yes

☐ No

If yes, how is propagated plant material quarantined on-site?

MATERIALS AND INPUTS

Do you import soil and/or other types of growing medium(s) for propagation and/or cultivation purposes?

☐ Yes

☐ No

If yes, describe how soil and/or growing medium will be stored on the property.

If yes, please list all imported soil and/or medium products on the Inputs Table on page 8.

Is perlite present in the soil or medium used for propagation and/or cultivation?

☐ Yes

☐ No

If yes, how will you prevent the perlite from entering waterways as runoff during rain events?

How will used, or spent, soils and medium disposed of?

How are fertilizers and/or amendments stored on the property?

How are pesticides, including herbicides, fungicides, and biocides, stored on the property?

INPUT(S) TABLE

[illegible]

OPERATIONS CALENDAR

Please describe all cultivation activities with approximate dates in the table below.

January	
Activity	Approximate Date
February	
Activity	Approximate Date
March	
Activity	Approximate Date
April	
Activity	Approximate Date
May	
Activity	Approximate Date
June	
Activity	Approximate Date
July	
Activity	Approximate Date
August	
Activity	Approximate Date

September	
Activity	Approximate Date
October	
Activity	Approximate Date
November	
Activity	Approximate Date
December	
Activity	Approximate Date